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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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08/963,720 11/04/97 MASCHEK

M	10191/538
EXAMINER	

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NEW YORK NY 10004

PM82/0508

LOUIS JACQUES, J
ART UNIT PAPER

3661 20

DATE MAILED: 05/08/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

The reply brief filed April 30, 2001 has been entered and considered. The application has been forwarded to the Board of Patent Appeals and Interferences for decision on the appeal.

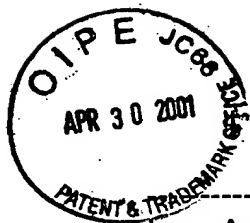
*Jacques H. Louis-Jacques*  
JACQUES H. LOUIS-JACQUES  
Primary Examiner  
Art Unit: 3661

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MAY 02 2001

[10191/538]

TO 3600 MAIL ROOM



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BOARD OF PATENT APPEALS AND INTERFERENCES**

In re Application of:

Marko MASCHEK et al.

Examiner: J. Louis Jacques

For:

PROCESS FOR  
GENERATING COLLISION  
SIGNALS

Art Unit: 3661

Filed: November 4, 1997

Serial No.: 08/963,720

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

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Date: 26 April 2001

Reg. No. 41,172

Signature:

*D. Magistre*

Dervis Magistre

**REPLY BRIEF TRANSMITTAL**

SIR:

Transmitted herewith for filing in the above-identified patent  
application please find a Reply Brief pursuant to 37 C.F.R. § 1.193(b), in triplicate.

No fee is believed to be required. Should a fee be required,  
please charge Deposit Account No. **11-0600**.

Respectfully submitted,

By: *D. Magistre* (Reg. No. 41,172)

Dated: 4/26/01

By: *Richard L. Mayer*

Richard L. Mayer  
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[10191/538]



**THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BOARD OF PATENT APPEALS AND INTERFERENCES**

#19/Reply  
Brief  
5/3/1

In re Application of:

Marko MASCHKE et al.

For: PROCESS FOR GENERATING COLLISION  
SIGNALS

Filed: November 4, 1997

Serial No.: 08/963,720

Examiner: J. Louis Jacques

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Assistant Commissioner  
for Patents  
Washington, D.C. 20231

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Date

4/26/01

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*[Signature]*  
KENYON & KENYON

**REPLY BRIEF PURSUANT TO 37 C.F.R. § 1.193(b)**

SIR:

Appellants submit the present Reply Brief in response to the Examiner's Answer mailed February 27, 2001 ("the Answer"). Although not required, two duplicate copies of this Reply Brief are also being submitted herewith as a courtesy to the Patent Office.

For the reasons set forth below and in the Appeal Brief mailed on September 25, 2000, the final rejections of claims 1-3 should be reversed.

**REMARKS**

From the Answer and previous Office Actions, Applicants respectfully submit that the Examiner is misconstruing the recitation in the claims of the term "transmission function". According to claim 1, the pattern in time of the individual segments of the crash signal is to be simulated for each, by such a transmission function. The transmission function then functionally simulates the pattern of each crash segment. If the individual transmission functions are combined, this yields the overall transmission function which, as a sum of the individual transmission functions, functionally describes the pattern in time of the crash signal. Such transmission functions per se, therefore, reflect the output variable, namely the

crash signal. Thus, the input variable is time, which, according to the parameters of the individual transmission functions, leads to the output variable, namely the crash pattern. Using this overall transmission function, it is then possible to form synthetic crash signals by varying parameters, in order to prepare various crash patterns for a release algorithm for a test.

The Gioutsos reference is distinguished in that a synthetic crash signal is supplemented by an additive noise signal to form various crash signals. However, a timewise partition of a real crash signal into segments, and a subsequent simulation of these segments by a single transmission function is not described in this reference. Therefore, the claims are patentable over the Gioutsos reference.

### CONCLUSION

It is respectfully requested that all of the Examiner's rejections of claims 1-3 be reversed, and that each of the claims be allowed as presented.

Respectfully submitted,

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